UTILITY PATENT APPLICATION TRANSMITTAL

Our Docket No.: **169.12-0592**

Date: July 31, 2003

First Named Inventor: Huazhou Lou et al.

Title: DYNAMIC MEASUREMENT OF HEAD MEDIA SPACING MODULATION

Express Mail No.: EV 302259992 US

APPLICATION ELEMENTS

ADDRESS TO:

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

- [X] Fee Calculation Sheet
 (Submit an original and a duplicate for fee processing)
- 2. [] Applicant claims small entity status
- 3. [X] Specification

Total Pages [14]

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed. Sponsored R&D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claims
- Abstract of the Disclosure
- 4. [X] Drawings (35 U.S.C. 113)5. [X] Oath or Declaration

Total Sheets [8] Total Pages [2]

- a. [X] Newly Executed (original or copy)
 b. [] Copy from a prior application (37 C.F.R.
 163(d), for continuation/divisional with Box 1
- 1.63(d) for continuation/divisional with Box 18 completed)

[Mark Box 5 below]

- I. [] DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b)
- 6. [X] Application Data Sheet. See 37 CFR 1.76.

7. CD-ROM or CD-R in duplicate, large

table or Computer Program (Appendix)

- 8. Nucleotide and/or Amino Acid Sequence Submission (If applicable, all necessary)
 - a. [] Computer Readable Copy (CRF)
 - b. Specification Sequence Listing on:
 - i. [] CD-ROM or CD-R (2 copies; or
 - ii. [] Paper
 - c. [] Statements verifying identify of above copies



ACCOMPANYING APPLICATION PARTS

- 9. [X] Assignment Papers (cover sheet & document(s))
- 10. [X] 37 C.F.R. 3.73(b) Submission

[X] Power of Attorney

- 12. [X] Information Disclosure Statement with copies of Citations as necessary

Total Pages []

- [X] Return Receipt Postcard (Should be specifically itemized)
- Certified Copy of Priority document(s) (If foreign priority is claimed)
- Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Application must attach form PTO/SB/35 or its equivalent
- 17. [] Other

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

Continuation Division

Continuation-in-part (CIP) of prior Application No.

Prior Application Information: Examiner __ Group Art Unit __ For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation <u>can only</u> be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

ATTY NAME AND REG. NO.	Paul P. Kempf, Reg. No. 39,727	SIGNATURE: CONTROL OF THE SIGNATURE:
ADDRESS	Kinney & Lange, P.A. THE KINNEY & LANGE BUILDING 312 South Third Street Minneapolis, MN 55415-1002	
TELEPHONE	(612) 339-1863	FAX: (612) 339-6580

	Complete if Known	Complete if Known			
FEE TRANSMITTAL	Application No.	ᅦ			
	Filing Date Herewith	ᅥ			
	First Named Inventor Huazhou Lou et al.	ᅥ			
	Group Art Unit	ㅓ			
	Examiner Name	\dashv			
	Atty. Docket Number 169.12-0592	ᅴ			
Total Amount of Payment \$790.00					
METHOD OF PAYMENT (Check One)		FEE CALCULATION (Continued)			
1. X The Commissioner is hereby authorized to charge additional fee required under 37 C.F.R. 1.16 and 1.17 credit any over payments to Deposit Account No.11-0 Deposit Account Name: Kinney & Lange, P.A. A duplic copy of this communication is enclosed	and bare and Large Entity Small Entity Seate Code (\$) Code (\$) Fee Fee Fee Fee Fee Fee Peecription Fee Fee Fee Fee Fee Fee Fee Fee Fee Fe	aid *			
	1051 130 2051 65 Surcharge - Late filing fee or oath				
2. [X] Check Enclosed	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet	*			
FEE CALCULATION	1053 130 1053 130 Non-English specification	-1			
1. BASIC FILING FEE	1812 2,520 1812 2,520 For Filing a Request for Reexamination	*			
Large Entity Small Entity Fee Fee Fee Fee	1251 110 2251 55 Extension for reply within first month	*			
Code (\$) Code (\$) Fee Description	1252 410 2252 205 Extension for reply within second month	*			
1001 750 2001 375 [X] Utility Filing Fee	1253 930 2253 465 Extension for reply within third month	_			
1004 750 2004 375 [] Reissue Filing Fee	1254 1,450 2254 725 Extension for reply within fourth month	_			
1005 160 2005 80 [] Prov. Filing Fee	1255 1,970 2255 985 Extension for reply within fifth month	*			
Subtotal (1) \$750	0.00 1402 320 2402 160 Filing a brief in support of an appeal	*			
2. EXTRA CLAIM FEES	1403 280 2403 140 Request for oral hearing	*			
Number Prior** Extra Fee from Fee Paic Claims Below	1814 110 2814 55 Terminal Disclaimer Fee	*			
Claims Below Total $\underline{19} - \underline{20} = \underline{0} \times \underline{0} = \underline{0}$	1452 110 2452 55 Petition to revive - unavoidable	*			
	1453 1,300 2453 650 Petition to revive - unintentional	*			
	1501 1,300 2501 650 Utility/Reissue issue fee	*			
Multiple Dependent Claims = = **Insert 3 and 20, or number previously paid if greater; Reissue see	1502 470 2502 235 Design issue fee	*			
below	1460 130 1460 130 Petitions to the Commissioner	*			
Large Entity Small Entity Fee Fee Fee Description	1807 50 1807 50 Petitions related to provisional applications	*			
Code (\$) Code (\$) 1202 18 2202 9 Claims in excess of 20	1806 180 1806 180 Submission of Information Disclosure				
1201 84 2201 42 Independent claims in excess	Statement	_			
of 3	8021 40 8021 40 Recording each patent assignment per 4 property (times number of properties)	10			
1203 280 2203 140 Multiple Dependent Claim 1204 84 2204 42 Reissue Independent Claims Over Original Patent	1801 750 2801 375 Request for Continued Examination (RCE)	* }			
1205 18 2205 9 Reissue claims in excess of	Other fee (specify)	*			
20 and over original patent Subtotal (2) \$00	Subtotal (3) \$40.	00			

Signature_	Clark.	Wa
	Paul P. Kempi	
Date	7/31/03	

Reg. No.	39,727	
-	·	

Deposit Account No. 11-0982